

[illegible]

The schematic diagram illustrates the internal circuitry of the IBM 105 card reader, specifically the card assembly (PAR) section. It features four integrated circuit (IC) chips: U03A1, U03AL, U03AM, and U03A1. Each chip is connected to a network of resistors, capacitors, and diodes, which are used for signal processing and timing. The circuit is powered by a +3V supply, a +6V supply, and a -3V supply. Input and output lines are labeled G10, G13, J07, J10, J11, and J04. A table in the bottom right corner identifies the components as 'INTERNATIONAL BUSINESS MACHINES' and 'CARD ASM - PAR'.

INTERNATIONAL BUSINESS MACHINES			
NAME	CARD ASM - PAR		
ADDN	CARD = 2 * A		
DESIGN	ADC 2-10-65	TYPE	
DETAIL	ADC 2-10-65	SCALE	
AUTH	ADC 2-10-65	DATE	

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INTERNATIONAL BUSINESS MACHINES CORP			
NAME	CARD ASM - PARALLEL =		
ADDER - CARD = 2 - ADI = 11			
DESIGN	ADC 2-1065	TYPE	2060
DETAL	ADC 2-1065	SCALE	NONE
CHECK	ADC 2-1065	DRAWN	
APPRO	GHN 2-1065	CHECK	IDI 2-1065